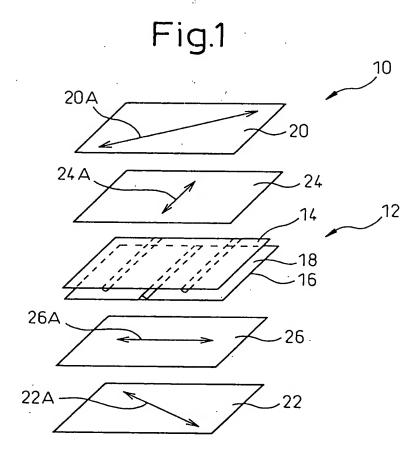
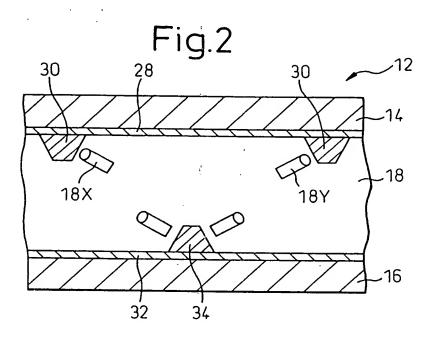
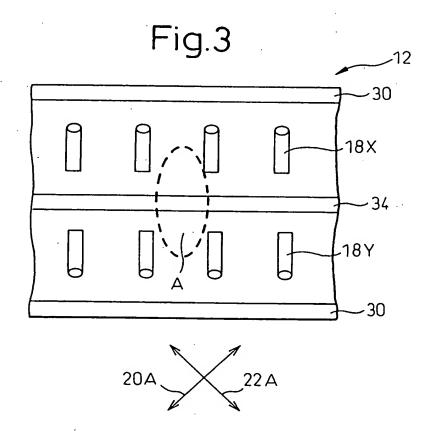
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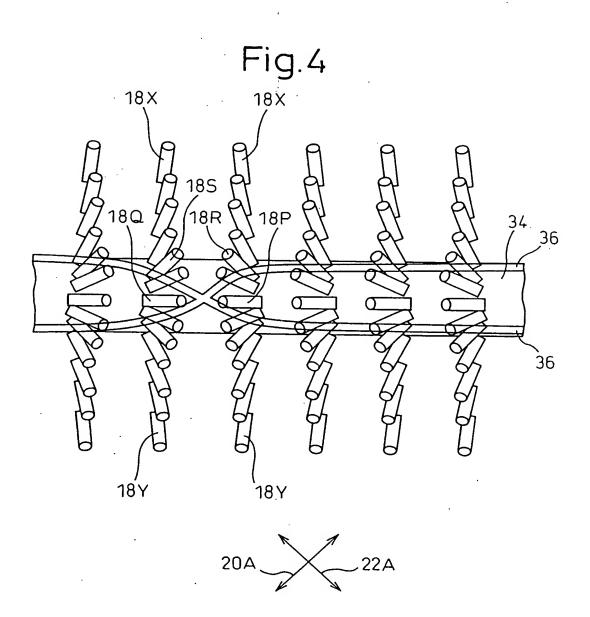




ic

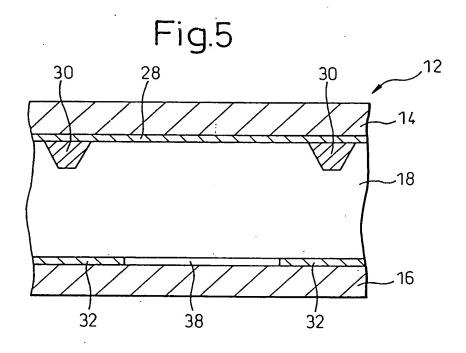
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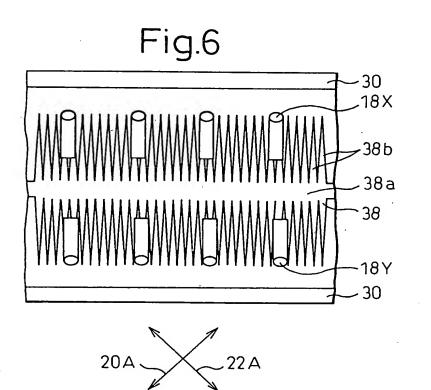
3/50



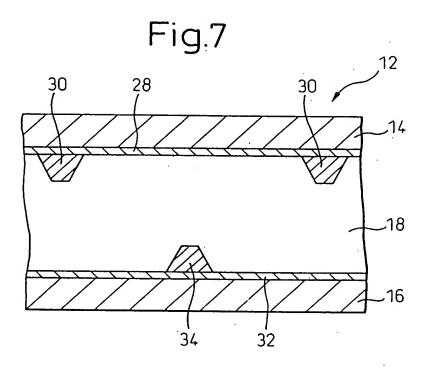
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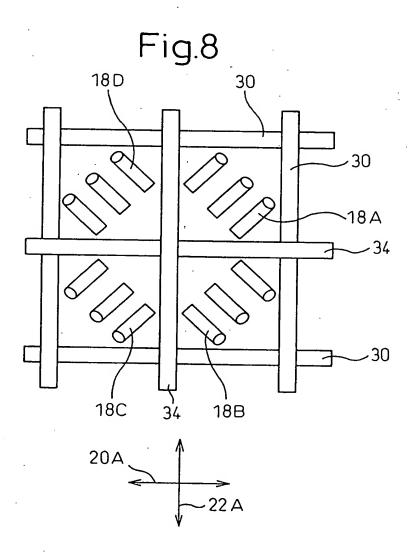




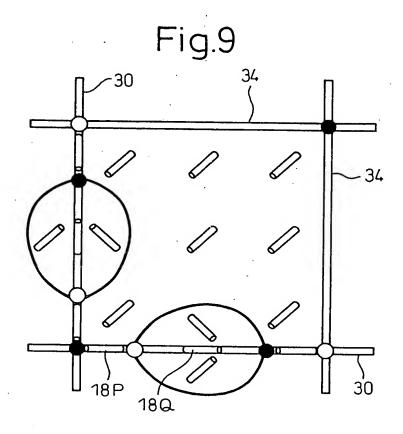
LIQUID CRYSTAL DISPLAY... Nov. 17, 2003 Yoshida et al. Greer, Burns & Crain, Ltd. (Patrick Burns) Ref. No. 2803.68724 Sheet 5 of 50 (312) 360 0080

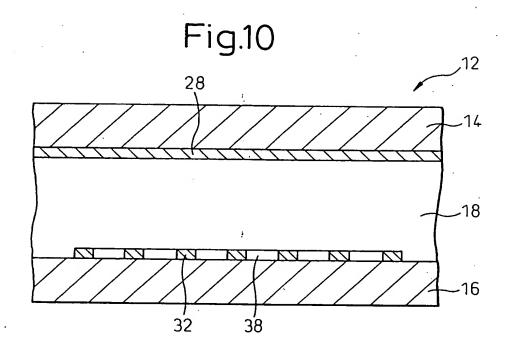


LIQUID CRYSTAL DISPLAY... Nov. 17, 2003 Yoshida et al. Greer, Burns & Crain, Ltd. (Patrick Burns) Ref. No. 2803.68724 Sheet 6 of 50 (312) 360 0080



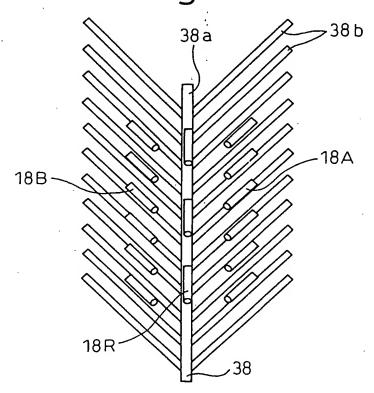
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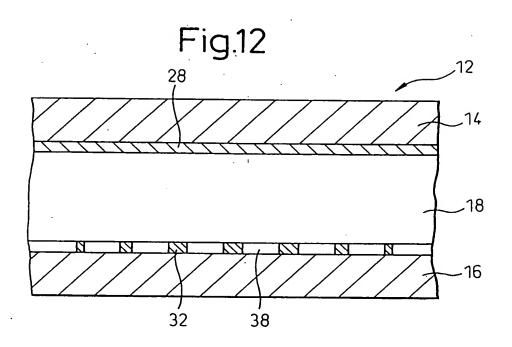




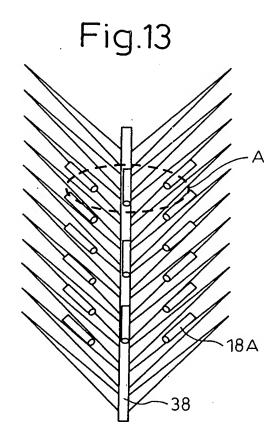
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⁸/₅₀ Fig.11





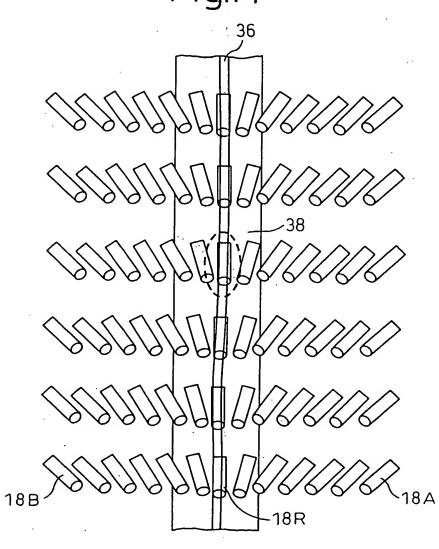
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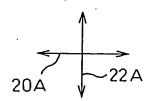


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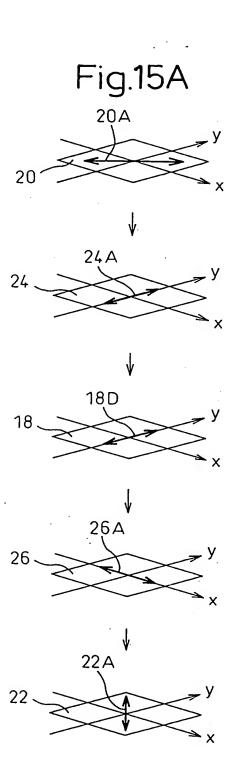
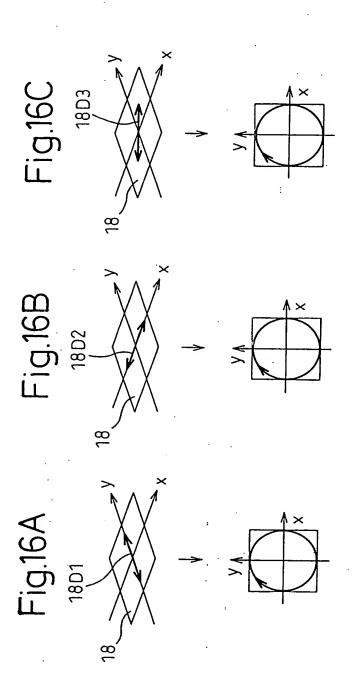


Fig.15B 20 -26

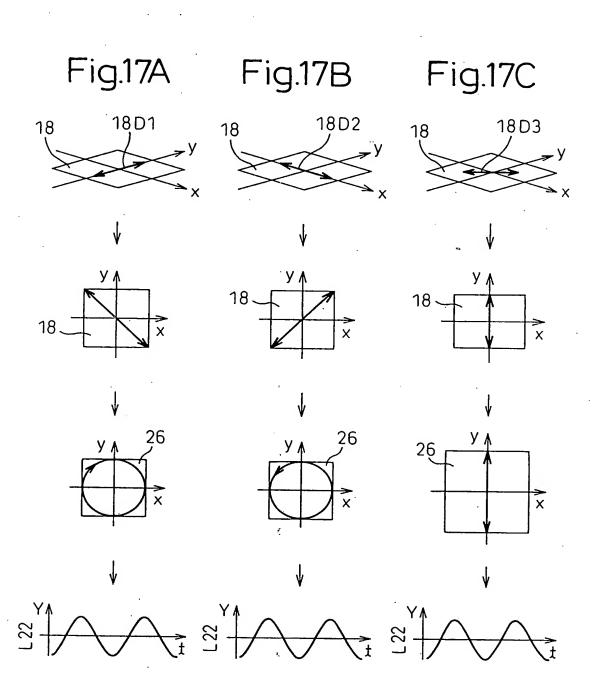
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Fig.18

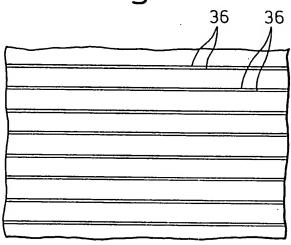
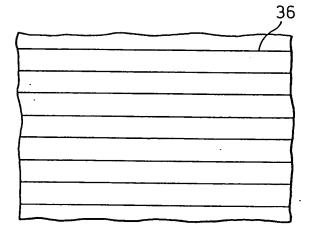
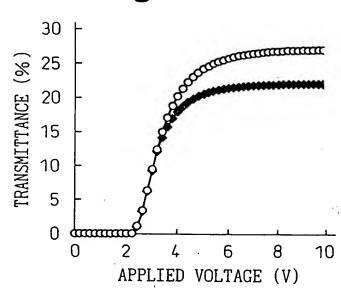


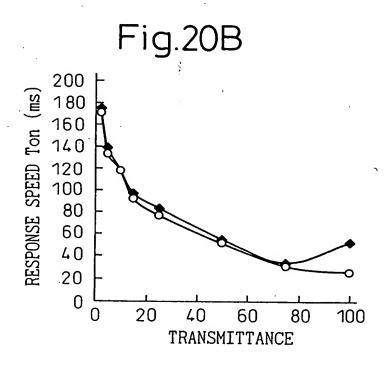
Fig.19



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Fig.20A





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Fig.21

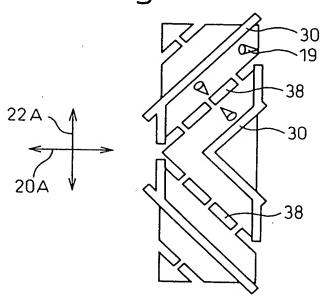
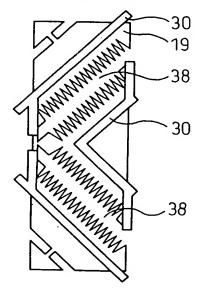
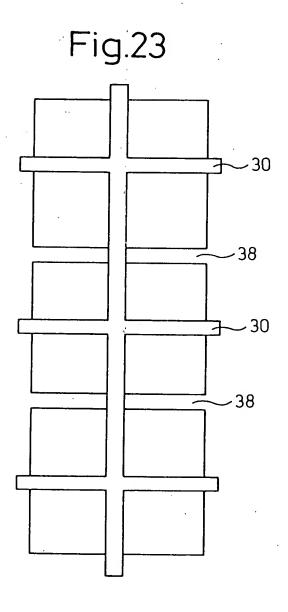


Fig.22



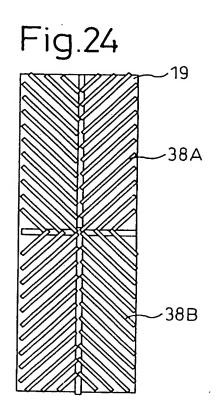
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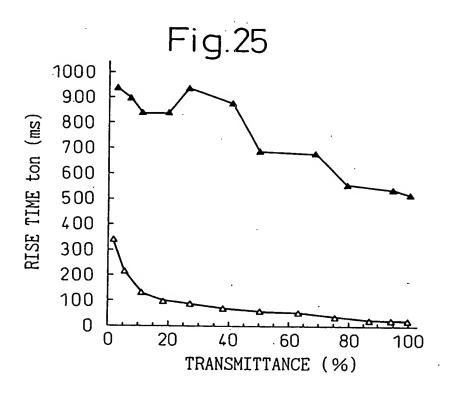
17₅₀



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18₅₀





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Fig.26

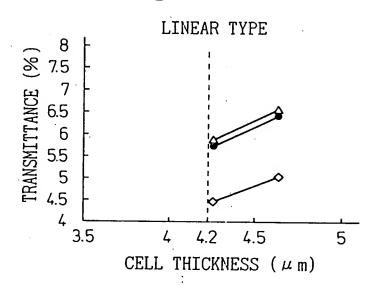
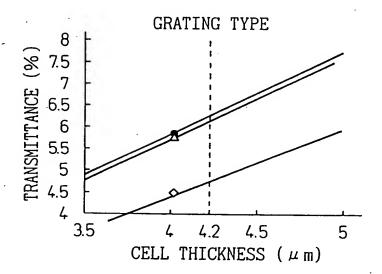


Fig.27



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²⁰/₅₀

Fig.28

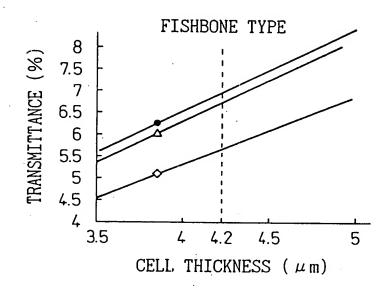
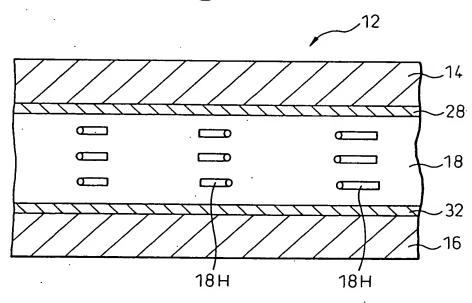


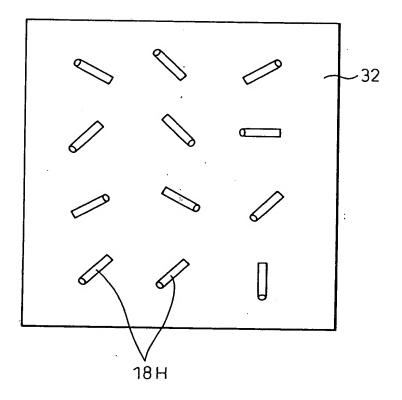
Fig.29



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Fig.30



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²²/₅₀

Fig.31

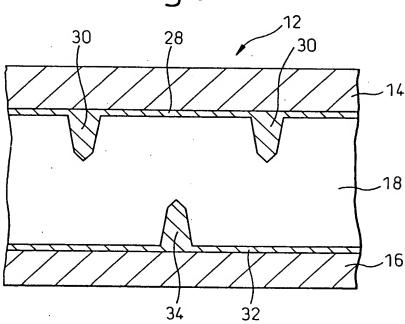
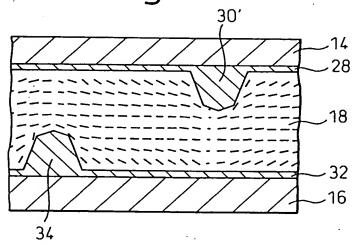
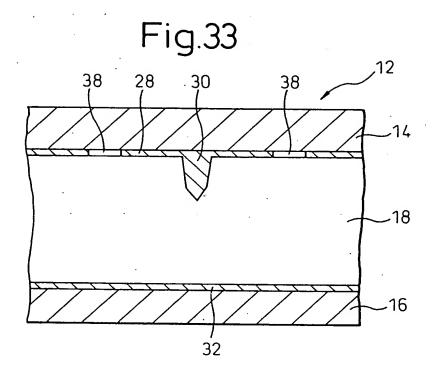


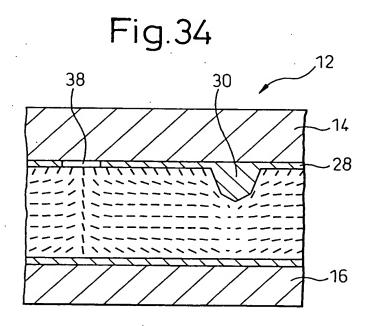
Fig.32



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Yoshida et al.
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²⁴/₅₀

Fig.35

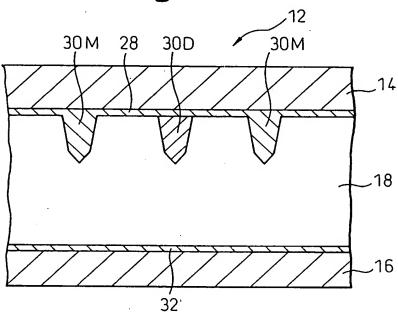
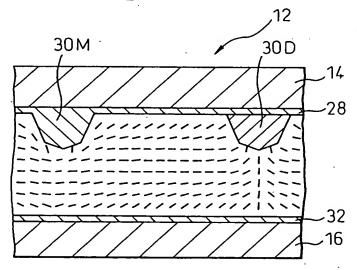


Fig.36



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²⁵/₅₀

Fig.37A

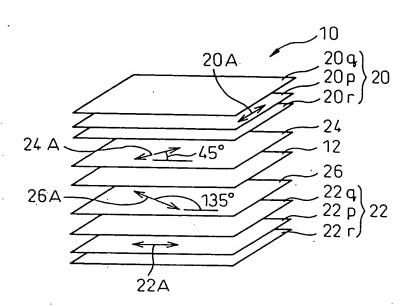


Fig.37B

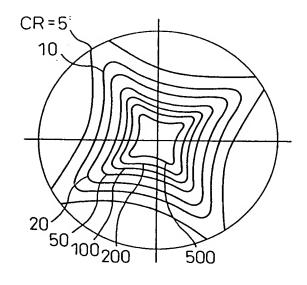
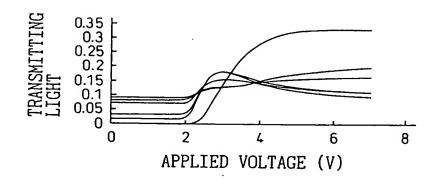
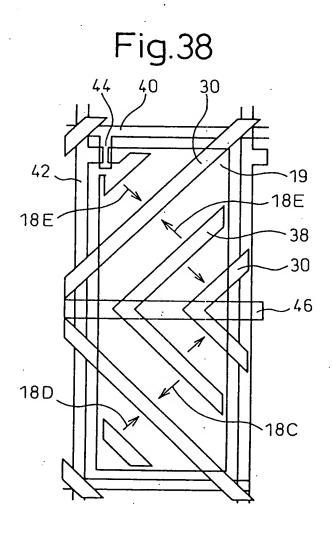


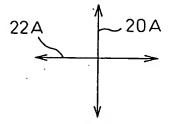
Fig.37C



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²⁶/₅₀





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²⁷/₅₀



Fig.39A

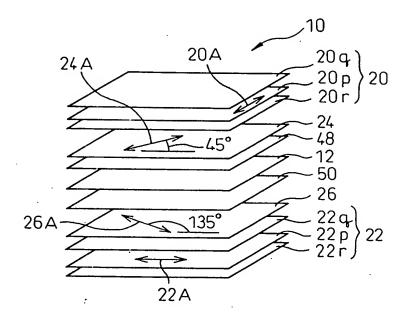


Fig.39B

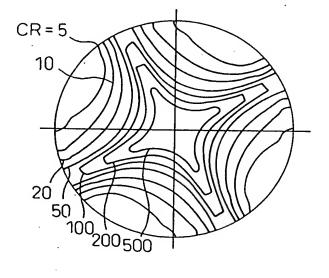
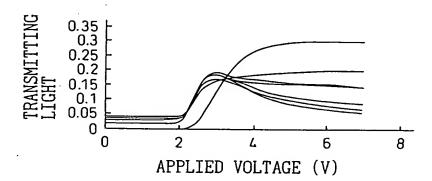


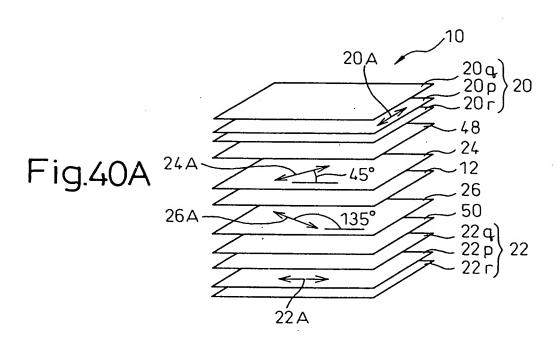
Fig.39C

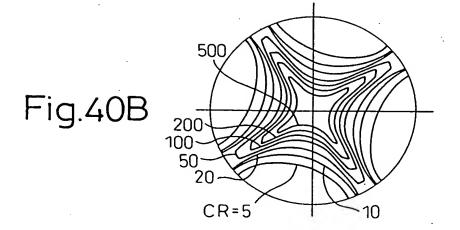


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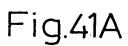
²⁸/₅₀





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²⁹/₅₀



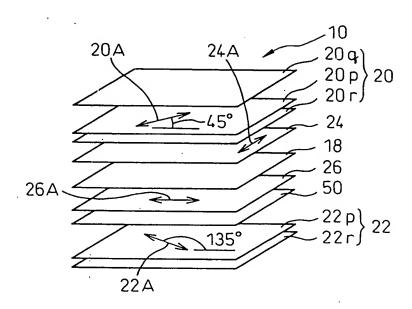


Fig.41B

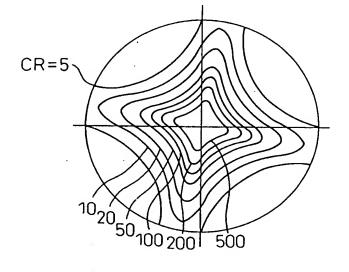
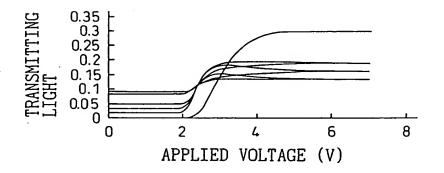


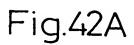
Fig.41C



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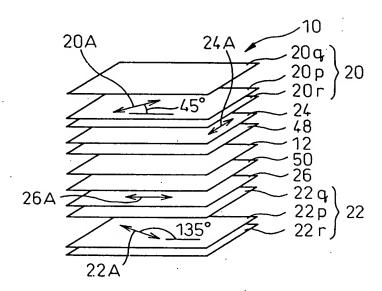


Fig.42B

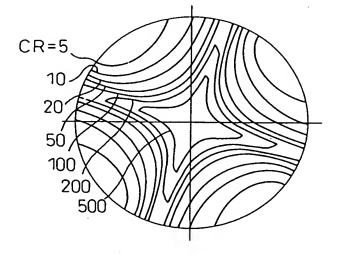
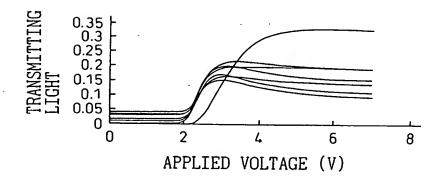
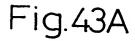


Fig.42C



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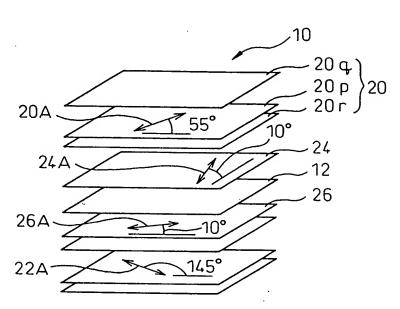


Fig.43B

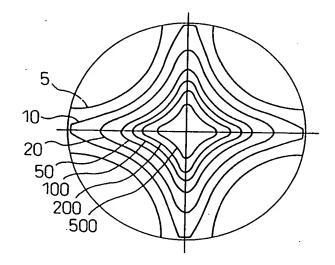
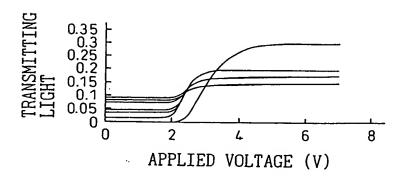


Fig.43C

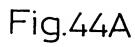


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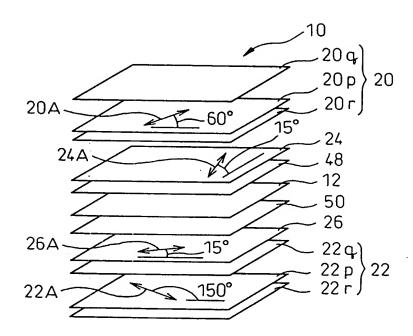


Fig.44B

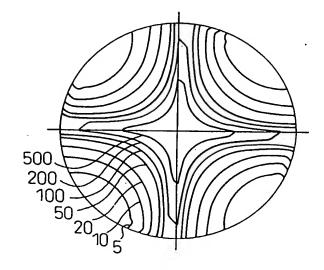
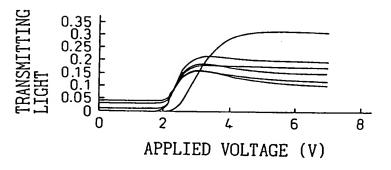
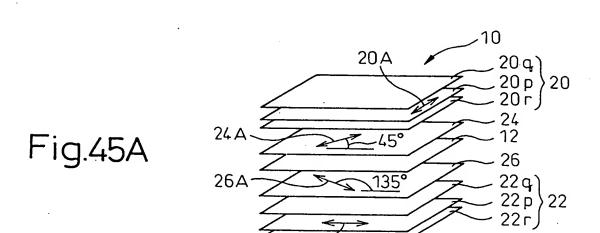


Fig.44C



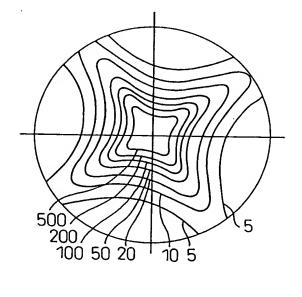
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22A

Fig.45B



0.35 0.3 0.25 0.2 0.15 0.15 0.05 Fig.45C 0 2 4 6 8 APPLIED VOLTAGE (V)

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Fig.46A

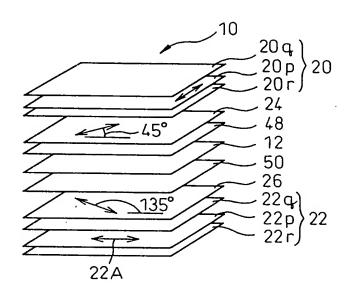
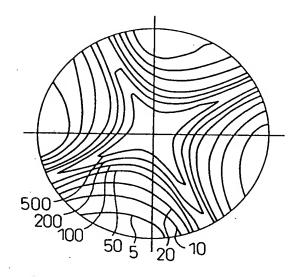
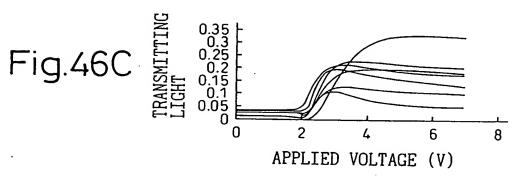


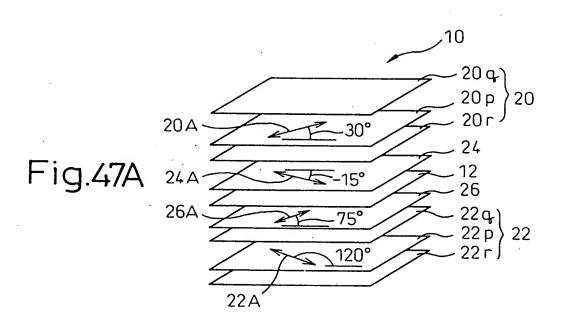
Fig.46B

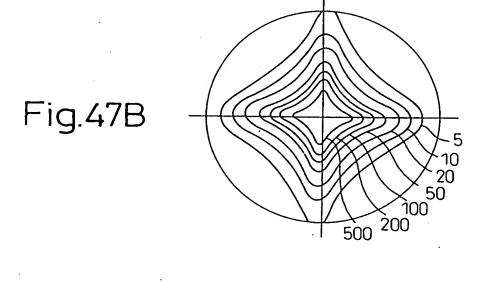




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Fig.48A

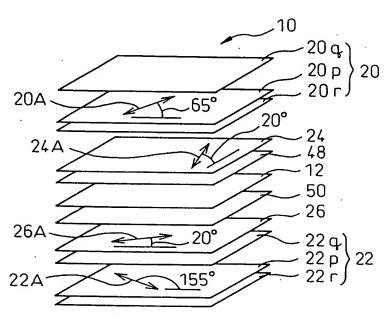


Fig.48B

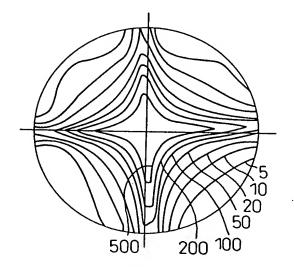
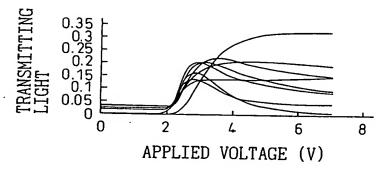


Fig.48C



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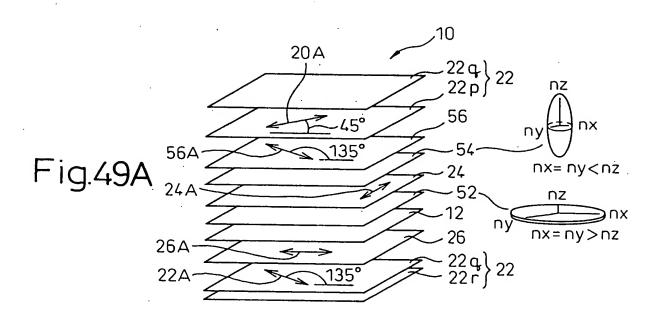


Fig.49B

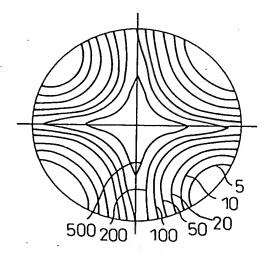
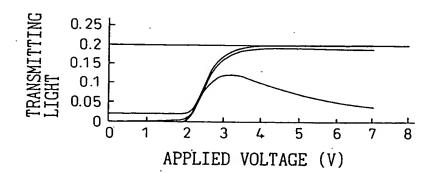


Fig.49C



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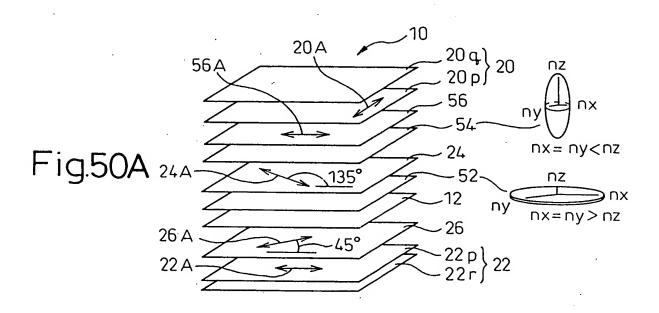


Fig.50B

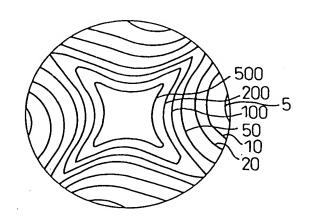
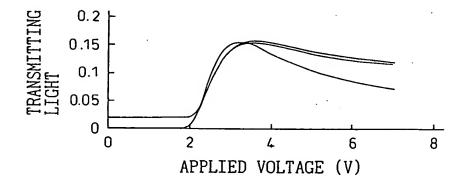
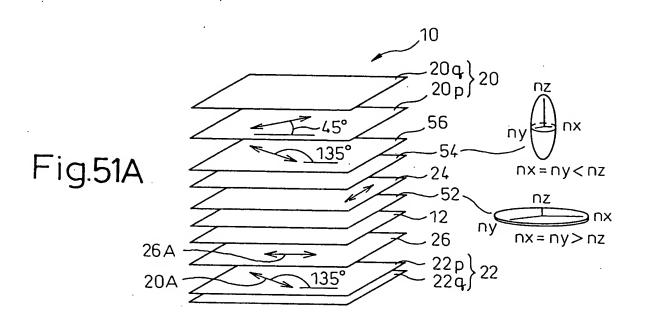


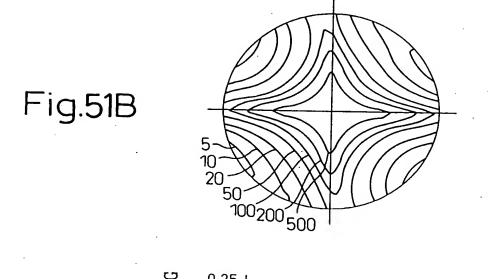
Fig.50C

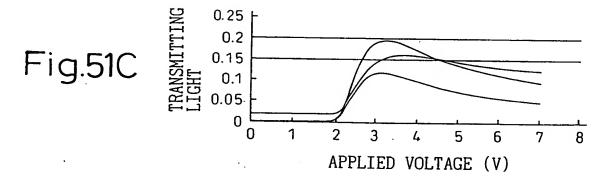


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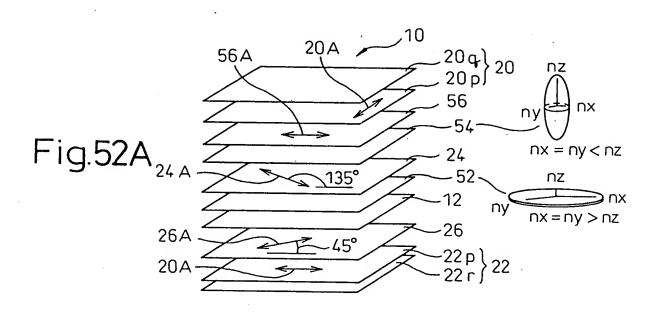


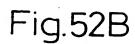




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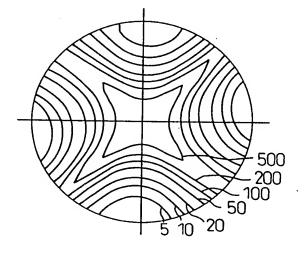
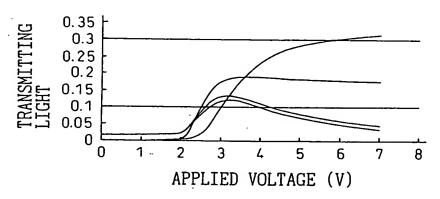
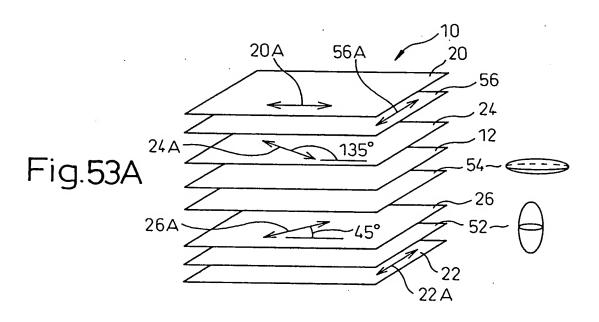


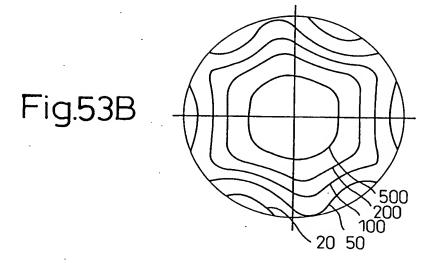
Fig.52C



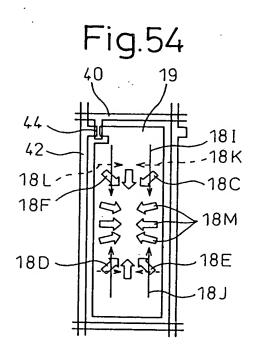
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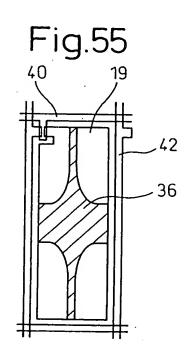
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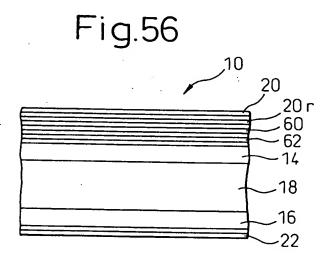


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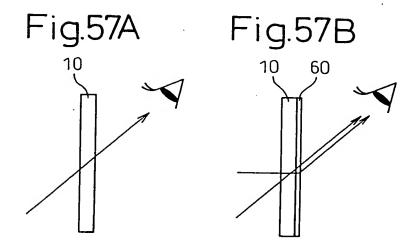


Fig.58A

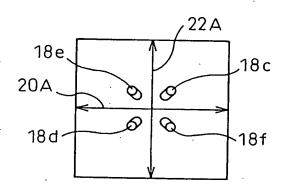


Fig.58B

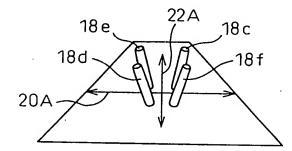
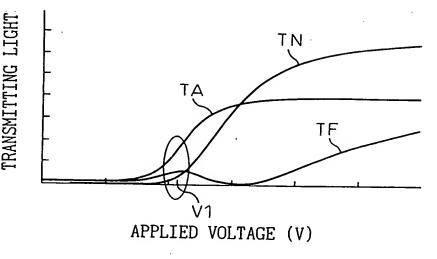
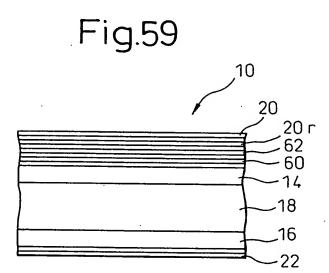
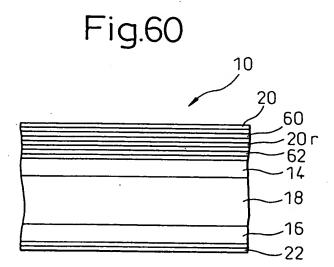


Fig.58C

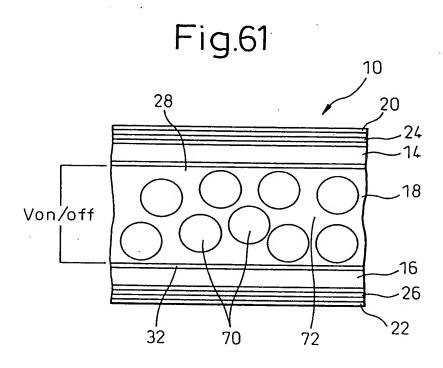


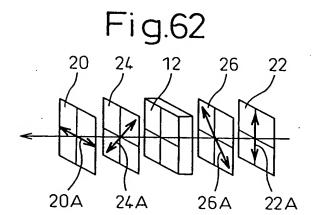
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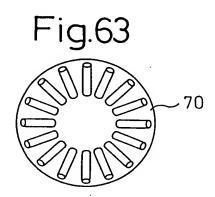


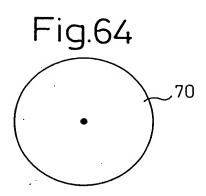
LIQUID CRYSTAL DISPLAY... Nov. 17, 2003 Yoshida et al. Greer, Burns & Crain, Ltd. (Patrick Burns) Ref. No. 2803.68724 Sheet 46 of 50 (312) 360 0080

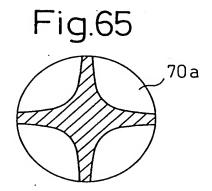




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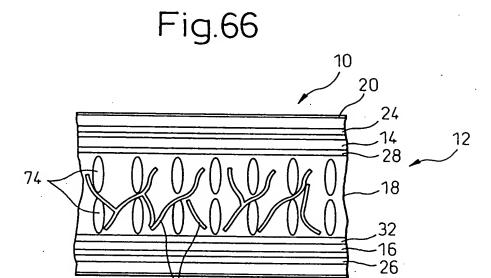






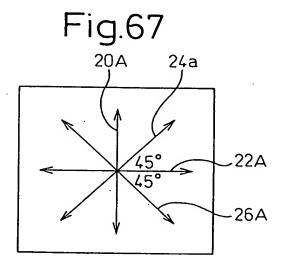
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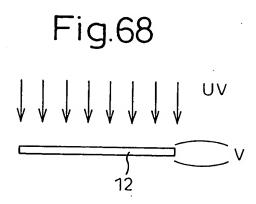


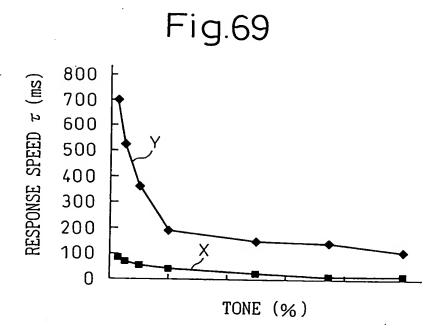
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Fig.70A

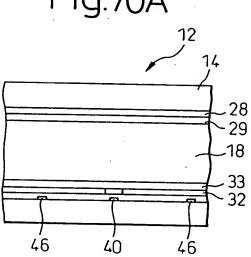


Fig.70B

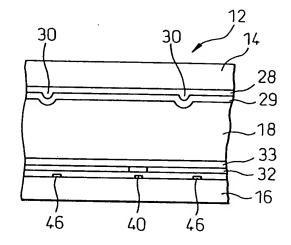


Fig.70C

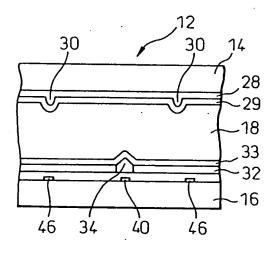


Fig.70D

